

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L1    | 721   | block near3 copolymer near9 micelle  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/23 13:03 |
| L2    | 210   | 1 near9 (water aqueous)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/23 12:59 |
| L3    | 21030 | hydrophobic near9 (particle nanocrystal\$5 nanoparticle microparticle particulate nanoscale)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/23 13:00 |
| L4    | 23603 | hydrophobic near9 (pigment particle nanocrystal\$5 nanoparticle microparticle particulate nanoscale) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/23 13:00 |
| L5    | 5776  | hydrophobic near (pigment particle nanocrystal\$5 nanoparticle microparticle particulate nanoscale)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/23 14:06 |
| L6    | 0     | 2 near9 5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/23 13:01 |
| L7    | 10    | 2 and 5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/23 13:01 |
| L8    | 47    | (AB ABA BAB) near3 (triblock block) near3 copolymer near9 micelle                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/23 14:05 |

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| L9  | 18 | (AB ABA BAB) near3 (triblock block) near3 copolymer near19 micelle near9 (water aqueous)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:15 |
| L10 | 58 | (AB ABA BAB) near3 (triblock block) near3 copolymer near19 (encapsulat\$3 coat\$3 stable soluble dilutable dispers\$6 solubility) near9 hydrophobic near4 (pigment particle nanocrystal\$5 nanoparticle microparticle particulate nanoscale) near9 (water aqueous) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:24 |
| L11 | 97 | (AB ABA BAB triblock block) near3 copolymer near19 (encapsulat\$3 coat\$3 stable soluble dilutable dispers\$6 solubility) near9 hydrophobic near4 (pigment particle nanocrystal\$5 nanoparticle microparticle particulate nanoscale) near9 (water aqueous)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:18 |
| L12 | 12 | (BAB) near3 copolymer near9 B near hydrophobic and (encapsulat\$3 coat\$3 stable soluble dilutable dispers\$6 solubility) near9 hydrophobic near (pigment particle nanocrystal\$5 nanoparticle microparticle particulate nanoscale) near9 (water aqueous)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:27 |
| L13 | 0  | (ABA) near3 copolymer near9 A near hydrophobic and (encapsulat\$3 coat\$3 stable soluble dilutable dispers\$6 solubility) near9 hydrophobic near (pigment particle nanocrystal\$5 nanoparticle microparticle particulate nanoscale) near9 (water aqueous)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:26 |
| L14 | 0  | (BAB) near3 B near hydrophobic and (encapsulat\$3 coat\$3 stable soluble dilutable dispers\$6 solubility) near9 hydrophobic near (pigment particle nanocrystal\$5 nanoparticle microparticle particulate nanoscale) near9 (water aqueous)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:27 |
| L15 | 0  | (BAB) near3 B near hydrophobic and hydrophobic near3 (pigment particle nanocrystal\$5 nanoparticle microparticle particulate nanoscale) near9 (water aqueous)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:27 |

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| L16 | 0  | (BAB) near3 B near hydrophobic                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:28 |
| L17 | 62 | (BAB) near3 copolymer near9 B near hydrophobic | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:28 |
| L18 | 3  | (BAB) near3 copolymer near9 B adj hydrophobic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:30 |
| L19 | 3  | (ABA) near3 copolymer near9 A adj hydrophobic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:31 |
| L20 | 47 | "5,589,522" "4,959,661"                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:34 |
| L21 | 6  | 18 19  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:50 |
| L22 | 2  | 20 and 21                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:31 |
| L23 | 4  | ("5,589,522" "4,959,661").pn.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:34 |

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|-----|------|---|---|----|----|------------------|
| L24 | 9    | "5854331"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 13:50 |
| L25 | 24   | 4 and 8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:25 |
| L26 | 7    | amphiphil\$6 near3 dispers\$6<br>near19 (plurality two more) near9<br>hydrophilic near9 hydrophobic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:27 |
| L27 | 29   | amphiphil\$6 near3 (surfactant<br>dispersant (dispersing near agent))<br>near19 (plurality two more) near9<br>hydrophilic near9 hydrophobic                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:29 |
| L28 | 2    | amphiphil\$6 near3 (surfactant<br>dispersant (dispersing near agent))<br>near19 (plurality two more) near9<br>hydrophilic near9 hydrophobic<br>near9 (block region) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:29 |
| L29 | 30   | amphiphil\$6 near3 (surfactant<br>dispersant (dispersing near agent))<br>near19 (plurality three four several<br>two more) near9 hydrophilic near9<br>hydrophobic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:30 |
| L30 | 1392 | (surfactant dispersant (dispersing<br>near agent)) near19 (plurality three<br>four several two more) near9<br>hydrophilic near9 hydrophobic                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:31 |
| L31 | 536  | (surfactant dispersant (dispersing<br>near agent)) near9 (plurality three<br>four several two more) near3<br>hydrophilic near3 hydrophobic                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:31 |

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|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| L32 | 40 | (surfactant dispersant (dispersing near agent)) near9 (plurality four several) near3 hydrophilic near3 hydrophobic             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:32 |
| L33 | 51 | (surfactant dispersant (dispersing near agent)) near9 (plurality alternating four several) near3 hydrophilic near3 hydrophobic | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:34 |
| L34 | 17 | (surfactant dispersant (dispersing near agent)) near19 alternating near3 hydrophilic near3 hydrophobic                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:39 |
| L35 | 9  | micelle near19 alternating near3 hydrophilic near3 hydrophobic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:45 |
| L36 | 15 | micelle near19 (alternating repeating) near3 hydrophilic near3 hydrophobic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:53 |
| L37 | 66 | micelle and (alternating repeating) near3 hydrophilic near3 hydrophobic  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:46 |
| L38 | 19 | micelle.ti,ab,clm. and (alternating repeating) near3 hydrophilic near3 hydrophobic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:46 |
| L39 | 6  | 36 not 35  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:51 |

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|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L40 | 15   | micell\$3 near19 (alternating repeating) near3 hydrophilic near3 hydrophobic | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 14:53 |
| L41 | 6    | 40 not 35  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 15:16 |
| L42 | 2    | "9924490"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 17:49 |
| L43 | 3625 | micell\$4 near liposome  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 16:01 |
| L44 | 149  | 43.ab.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 16:01 |
| L46 | 50   | "5658995"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 17:49 |
| S1  | 2    | "20040101621"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 19:09 |
| S2  | 46   | "6319426"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 19:09 |

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|----|---|--------------------------------|---|----|----|------------------|
| S3 | 2 | "6319426".pn.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 10:35 |
| S4 | 2 | "200017656"                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 19:16 |
| S5 | 2 | "6426513".pn.                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/22 19:17 |
| S6 | 0 | "5221334" and quantum near dot | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/08/23 12:58 |